LOREX
VIEW YOUR WORLD®

960H, 10X PAN-TILT-ZOOM SPEED-DOME CAMERA

VIEW THE ENTIRE SCENE
- WITH PAN, TILT & ZOOM

960H

960H RESOLUTION
Providing 34% more detail than standard D1 resolution and a 500% increase over CIF, delivering a sharper, non-distorted image with a true-to-life aspect ratio.

HIGH PERFORMANCE PAN/TILT/ZOOM CAMERA
Sony Effio™ video image processor delivers up to 700TV lines of resolution.

EXCEPTIONAL DETAIL
Experience best-in-class low light performance, powered by the latest Sony Exview™ II Image Sensor.

COVER ANY ANGLE
High speed 360° per second panning allows you to cover large areas quickly.

PREMIUM SERIES
- 700 TVL
- 10X ZOOM
- 360°/sec MAX ROTATION
- INDOOR/OUTDOOR
- 960H

VANTAGE

LZC7091B SERIES

www.lorextechnology.com

960H, 10X PAN-TILT-ZOOM SPEED-DOME CAMERA

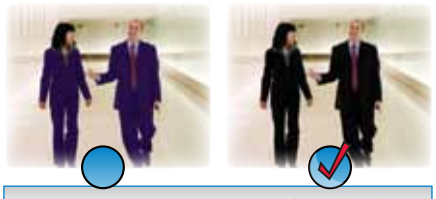
FEATURES

- Latest Sony EXview™ II image sensor for best-in-class low light performance [1]
- Sony Effio™ video image processor delivers up to 700TV lines of resolution
- 960H optimized image sensor delivers up to 34% more resolution than D1 and 5x more than CIF [2]
- Offers a true to life non-stretched aspect ratio that provides sharper, more detailed images [2]
- 10X Optical Zoom and 10X Digital Zoom to focus in on even the finest details
- Complete area coverage with 360 degrees per second panning speed
- Program preset viewing points when connected to a DVR
- ClearNight technology with Digital Noise Reduction improves low light performance and recording efficiency by up to 30%
- Accurate colors with Lorex's automatic light filtering technology
- Weatherproof (IP66) rated with included wall mount [3]
- Connects to any Lorex Eco™ or Edge™ series DVR for local or remote operation
- Control camera movement remotely from your Smartphone, Tablet, PC or Mac with Eco™ Series DVR
- Install outdoors with included wall mount bracket or indoors with wall mount bracket or attach directly to the ceiling
- 100ft all-in-one connection cable included for installation location flexibility

10x ZOOM

No Zoom | 10x Zoom

ACCURATE COLORS



Typical | Accurate Colors with Exclusive Infrared Filter Technology

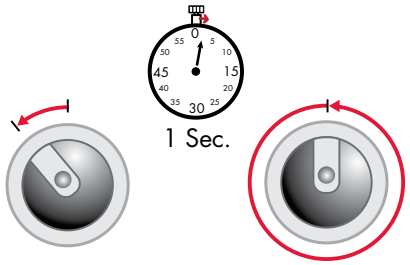
RESOLUTION

Standard Resolution | Super+ Resolution

CLEARNIGHT

Typical | ClearNight with Advanced Digital Noise Reduction

360° ROTATION SPEED



Typical Pan/Tilt/Zoom Camera | LZC7091B

VANTAGE

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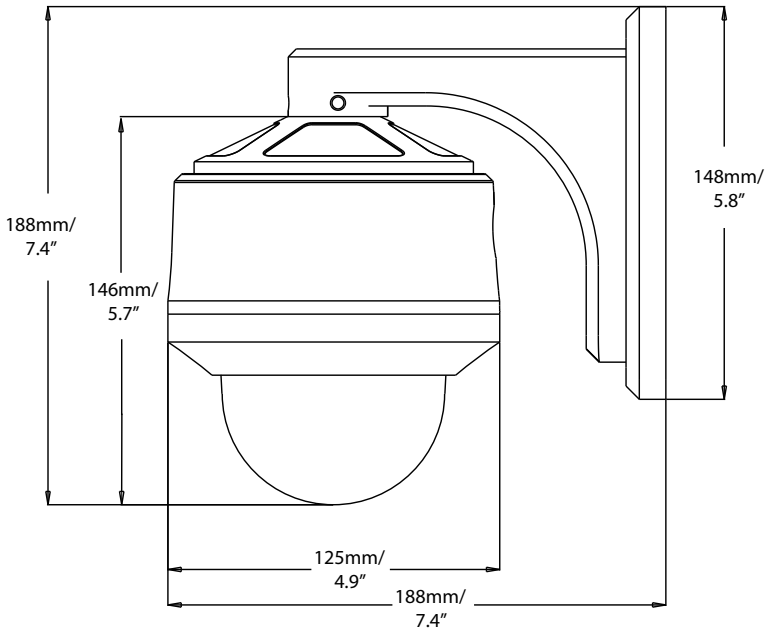
960H, 10X PAN-TILT-ZOOM SPEED-DOME CAMERA

SPECIFICATIONS

Image Sensor:	1/3" Sony Ex-View HAD CCD II
Video Format:	NTSC
Effective Pixels:	976(H) x 494 (V)
Resolution:	up to 700 TVL
Range:	360° Pan (Endless)
	155° Tilt (Auto-Flip) [3]
Pan/Tilt Speed:	Max 360°/Sec.
Zoom:	10x Optical Zoom & 10x Digital Zoom
Protocol:	Pelco-D, Pelco-P
Min. Illumination:	0.7 Lux in Color
	0.02 Lux in Black and White
Lens/Lens Type:	Auto Focus / 3.8-38mm F 1.8
S/N Ratio:	50db (AGC Off)
Iris:	Auto Iris
Day/Night:	IR Cut Filter (ICR)
Termination:	BNC Video / RS485 / DC Power
Video Output:	Composite 1.0Vpp @ 75ohm
Power Requirement:	12V DC ±10%
Power Consumption:	Max. 850mA
Operating Temperature Range:	-4°F ~ 122°F / -20°C ~ 50°C
Operating Humidity Range:	within 90%RH
Indoor/Outdoor:	Both (IP66[2])
Weight:	2.15lbs/0.96kg

DIMENSIONS



PRODUCT INFORMATION

MODEL	CONFIGURATION	PACKAGE	W x D x H mm & in	WEIGHT	CUBE	UPC Code
LZC7091B	PTZ camera	Brown Box	483 x 203 x 191mm/ 18.8 x 7.5 x 6.8"	4.3kg/9.65lbs	0.01 Cbf/0.55 Cbm	7-78597-70910-0
LZC71B	PTZ camera	Brown Box	483 x 203 x 191mm/ 18.8 x 7.5 x 76.8"	4.3kg/9.65 lbs	0.01 Cbf/0.55 Cbm	7-78597-71000-7
Includes	1x PTZ Camera, 1x 100ft BNC/power/video/RS485 Cable, 1x 12V DC power adapter, 1x Wall Mount, 1x Instruction Manual 1x Mounting screw kit					

DISCLAIMERS

1. This camera features an ultra-low light sensitive image sensor and therefore does not feature Infra-Red LEDs. The camera requires ambient lighting (for example, street/building lighting, star or moon light) to render a night time image. In total darkness (zero Lux) the camera will not produce a night time image and therefore the camera should not be installed in completely dark areas.
2. When connected to a 960H capable DVR.
3. Wall mount required for outdoor installation. Not intended for submersion in water. Installation in a sheltered location recommended.
4. This PTZ camera is designed to pan left and right a full 360° and tilt up and down within a range of 155°. Tilting less than 10° or greater than 165° away from the camera base may cause the image to become slightly unclear.

* If light level is too low, camera will switch over to B/W for increased light sensitivity.

www.lorextechnology.com

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4-04302013